

Snapshot Day 10/8/09 Data
(Salt Front RM 60.3)
HARLEM RIVER -150th Street
Maricio Gonzales & Melissa Jimenez, The Fredrick Douglass Academy –
16 students HS
GPS N 40°49.488978 W73°56.079401

Location: 150th Street, Harlem River Drive

Area: There area is not publicly accessible, - it is not a pier or grassy etc.

Surrounding Land Use:

Sampling Site: Banks altered, piping noted entering the river

Plants in area: none

Water depth: 1 meter

River Bottom: muddy

Plant Names:

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<i>Physical</i>				
Air Temperature	12:13 PM	51.3°F 16.28 °C		
Wind Speed	Beaufort Force #2	5mph	8.05 km/hr	4-6 kts
Cloud Cover	Partly cloudy			West blowing
Weather today	No rain			
Weather recently	Last 2 days strong winds, not much rain. Temperature has been dropping			
Water	Calm			
<i>Water surface</i>	calm			
<i>Water Temperature</i>	10:25 AM	18.21° C 64.78° F		2.4 ft. depth
No direct sun in this area and no plants in the area	10:40 AM	18.25° C 64.85° F		2.4 ft. depth
Also barriers to prohibit the current from flowing	11:00 AM	18.32° C 64.98° F		1.5 ft. depth
<i>Turbidity</i>	12:00 PM	45 cm	Long SiteTube	Water foggy
<i>Chlorophyll</i>				0.3
<i>Chemical</i>				
DO	10:32 AM	4.2 mg/L	Temp. 15.2° C	35% sat.
	10:47 AM	4.8 mg/L	Temp. 18.2° C	40.3 % sat.

	11:30 AM	4.9 mg-L	Temp 18.3° C	40.6% sat.
pH –	Faulty meter			
Salinity	10:25 AM	14.48 ppt		
	10:40 AM	13.7 ppt		
	10:55 AM	11:89 ppt		
	11:10 AM	10.58 ppt		
<i>Fish Catch</i>	<i>Number Caught</i>	<i>Species</i>	<i>CPUE</i>	<i>Size</i>
<i>Tides</i>	10:28 AM	51 cm		
	1:06 PM	143 cm		
<i>Currents</i>	12:31 PM	39 cm/60 secs	.65 cm/sec	Ebb
<i>Core Sample Sediments</i>	<i>Whole core</i>	<i>Abundant</i>	<i>Common</i>	<i>Rare</i>
	19 cm – uniform with no oxidation	Clay	Mud	Sand
	Bottom rough/top smooth	Center of core lighter grey outside with darker inside	Small threads possibly plant matter, vegetation or fur	
<i>Traffic</i>	11:35 AM	Boat	Red/white/blue	Southbound/Full
<i>Other Items</i>	There were no people fishing at the site. There are a few people a few feet away doing construction. There's shattered glass and scraps of metal everywhere. There is also trash and a few piles of dead leaves. There are also huge holes in the dirt full of trash.			